

ECS Configuration Change Request

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Page(s)

1. Originator Henry Baez	2. Log Date: 05/20/03	3. CCR #: 03-0353	4. Rev: —	5. Tel: 301-925-1025	6. Rm #: 2101D	7. Dept. Sys Eng
8. CCR Title: Upgrade IBM OS with latest 10/100Mbit PCI drivers on VATC firewalls.						
9. Originator Signature/Date Henry Baez /s/ 05/20/03			10. Class IN	11. Type: CCR	12. Need Date: 05-21-2003	
13. Office Manager Signature/Date Jim Mather /s/ 05/20/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: SMC Trouble Ticket #5725						
23. Problem: (use additional Sheets if necessary) Firewall at GDAAC has been reporting random interrupt error (INTRPPC_ERR) for 10/100Mbit NIC used for M&O LAN connectivity. IBM is aware of this error and has made patch available (devices.pci.23100020.rte.4.3.3.80). GDAAC has requested assistance from Landover security engineers to test IBM patch followed by formal delivery. This error has been seen several times at SMC and once on LPDAAC firewall.						
24. Proposed Solution: (use additional sheets if necessary) Install and test IBM fileset/driver devices.pci.23100020.rte.4.3.3.80 in the VATC firewall. Will make sure new fileset does not impact normal operations. No formal test is needed.						
25. Alternate Solution: (use additional sheets if necessary) Leave IBM fileset/driver at present version devices.pci.23100020.rte.4.3.3.78.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) IBM has stated that the problem "should" not crash the system. But GDAAC is seeing this error message every day. It is filling up IBM error logs very fast. This error was also reported at SMC and LPDAAC.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 05/21/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			